

Appl. No. 10/002,241
Amdt. Dated August 29, 2003
Reply to Office action of June 6, 2003

REMARKS

Entry of the foregoing and further consideration of the subject application in light of the remarks which follow and consistent with 37 C.F.R. 1.111 are hereby respectfully requested.

Claims 1-22 are pending. Claims 1-20 are allowed. By this amendment, Claims 10, 11, 13, 14, 21 and 22 have been amended as suggested by the Examiner. The changes to Claims 21 and 22 are for clarification..

CLAIM OBJECTION

Claims 10, 11, and 13 stand objected to because of informalities. It is respectfully submitted that the amendments to Claims 10, 11, and 13 overcome the objection. Withdrawal of the objection is respectfully requested.

REJECTION UNDER 35 U.S.C. § 112, SECOND PARAGRAPH

Claim 14 stand rejected by the Examiner under 35 U.S.C. § 112, second paragraph as being indefinite. This rejection is respectfully traversed.

Applicants submit that amendment to Claim 14 overcome this rejection. Withdrawal of the rejection is respectfully requested.

REJECTION UNDER 35 U.S.C. § 102

Claims 21 and 22 stand rejected under 35 U.S.C. § 102(b) as anticipated by or, in the alternative, under 35 U.S.C. § 103(a) over U. S. Patent 5,744,680 (Mulaney, III et al.). This rejection is respectfully traversed.

Applicants' invention is directed to the synthesis and recovery of crystalline molecular sieves, such as SAPO molecular sieves. One of the benefits of Applicants' invention is that Applicants' process produces molecular sieves crystals having much less deterioration on their

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surface of the crystals. As exemplified in Example 1, Sample B of the application (Pages 19 and 20 of the application), crystals of SAPO-34 made by other techniques results in the crystals having leached surfaces. In contrast, crystals of molecular sieve made by Applicants' process, as exemplified in Example 2, Sample C (Page 21 of the application) have much less deterioration at the surface of the crystals. Mulvaney, III et al. is not concerned with making crystals of molecular sieve with reduced deterioration at the surface of the crystals.

It is respectfully submitted that Mulvaney, III et al. does not disclose or suggest Claims 21 and 22. Withdrawal of this rejection is respectfully requested.

Claims 21 and 22 stand rejected under 35 U.S.C. § 102(b) as anticipated by or, in the alternative, under 35 U.S.C. § 103(a) over U. S. Patent 6,121,503 (Janssen et al.). This rejection is respectfully traversed.

Janssen et al. suffers from the same deficiencies as by Mulvaney, III et al. Janssen et al. is not concerned with making crystals of molecular sieve with reduced deterioration at the surface of the crystals.

It is respectfully submitted that Janssen et al. does not disclose or suggest Claims 21 and 22. Withdrawal of this rejection is respectfully requested.

It is the Applicants' position that all claims are in condition for allowance, and favorable action thereon is respectfully requested.

Respectfully submitted,

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Page 6 of 6

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